OBLON, SPIVAK ET AL. DOCKET #246522US 2 CONT INV: MIYAGUCHI, ET AL. SHEET <u>1</u> OF <u>17</u>

FIG.1

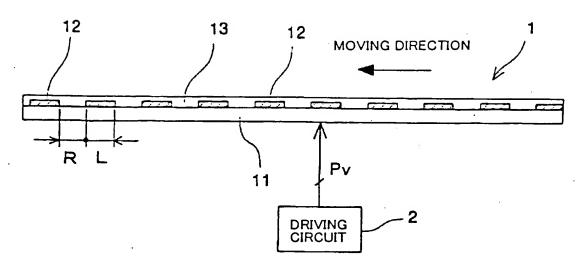
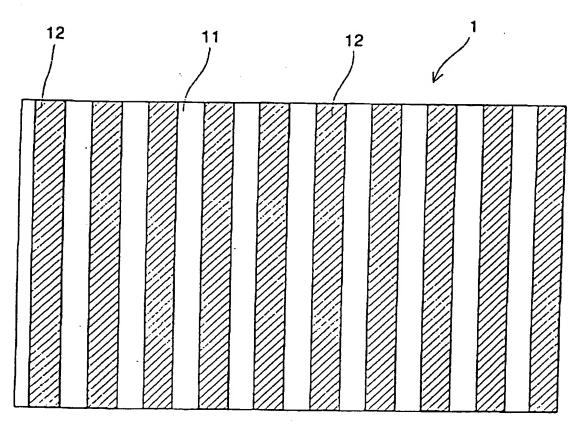


FIG.2



OBLON, SPIVAK ET AL. DOCKET #246522US 2 CONT INV: MIYAGUCHI, ET AL. SHEET <u>2</u> OF <u>17</u>

FIG.3

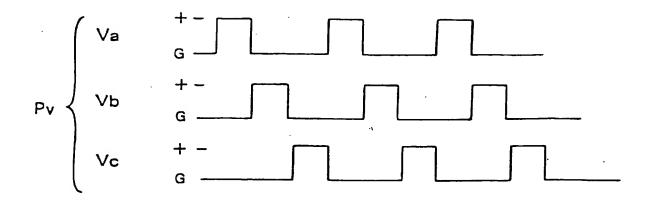
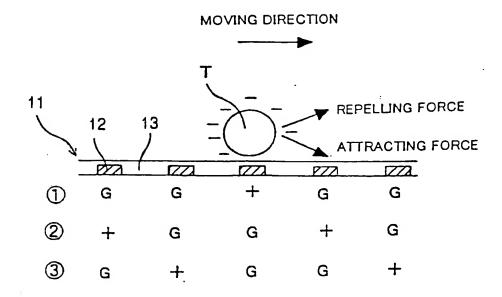
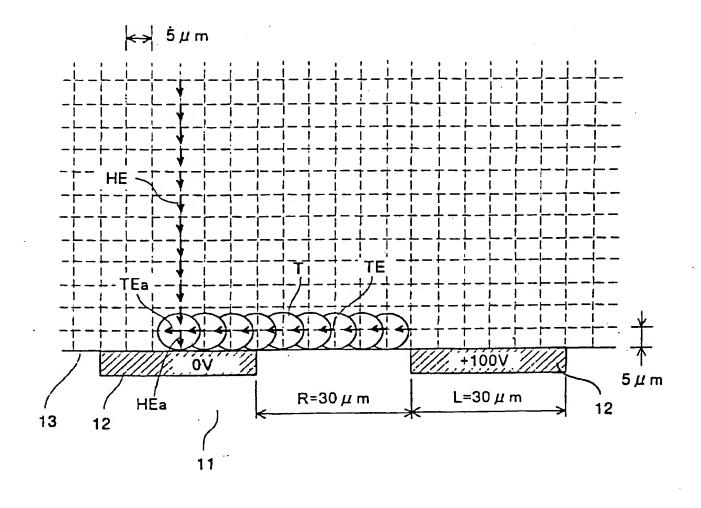


FIG.4



OBLON, SPIVAK ET AL. DOCKET #246522US 2 CONT INV: MIYAGUCHI, ET AL. SHEET <u>3</u> OF <u>17</u>

FIG.5



OBLON, SPIVAK ET AL. DOCKET #246522US 2 CONT INV: MIYAGUCHI, ET AL. SHEET 4 OF 17

FIG.6

TRANSPORTING ELECTRIC FIELD OF AN ELECTRODE WIDTH AND AN OV ELECTRODE END (X DIRECTION)

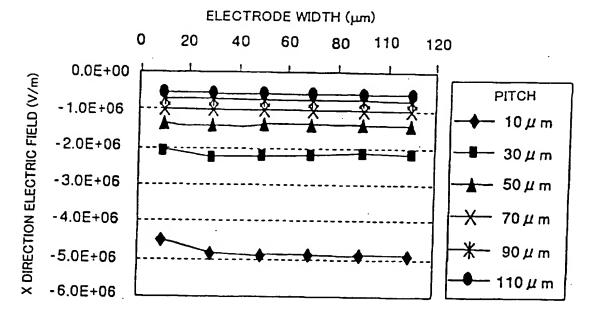
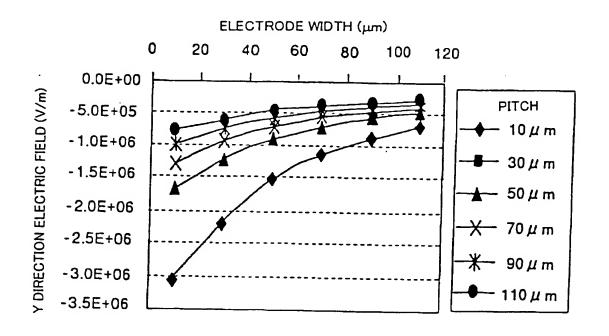


FIG.7

TRANSPORTING ELECTRIC FIELD OF AN ELECTRODE WIDTH AND AN OV ELECTRODE END (Y DIRECTION)



OBLON, SPIVAK ET AL. DOCKET #246522US 2 CONT INV: MIYAGUCHI, ET AL. SHEET <u>5</u> OF <u>17</u>

FIG.8

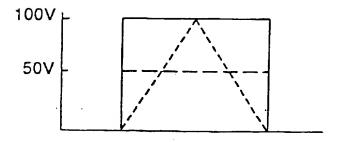
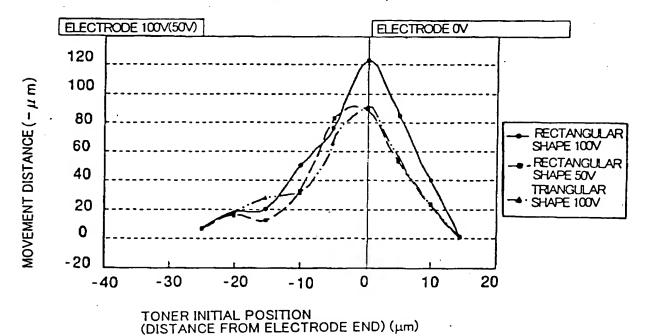


FIG.9

HORIZONTAL MOVEMENT DISTANCE BETWEEN AN INITIAL POSITION AND 160 $\ensuremath{\mu\mathrm{SEC}}$



OBLON, SPIVAK ET AL. DOCKET #246522US 2 CONT INV: MIYAGUCHI, ET AL. SHEET <u>6</u> OF <u>17</u>

FIG.10

HEIGHT FROM OV ELECTRODE CENTER (µm)

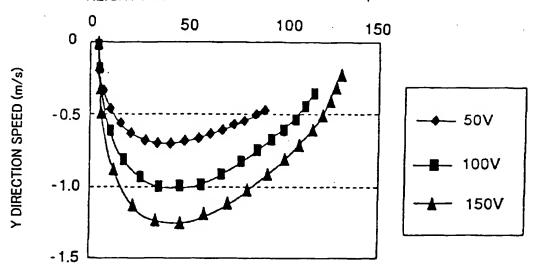
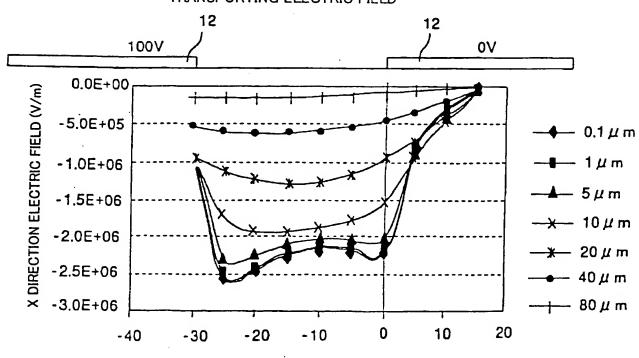


FIG.11

PROTECTIVE LAYER FILM THICKNESS AND TRANSPORTING ELECTRIC FIELD



DISTANCE FROM ELECTRODE EDGE (µm)

OBLON, SPIVAK ET AL. DOCKET #246522US 2 CONT INV: MIYAGUCHI, ET AL. SHEET <u>7</u> OF <u>17</u>

FIG.12A

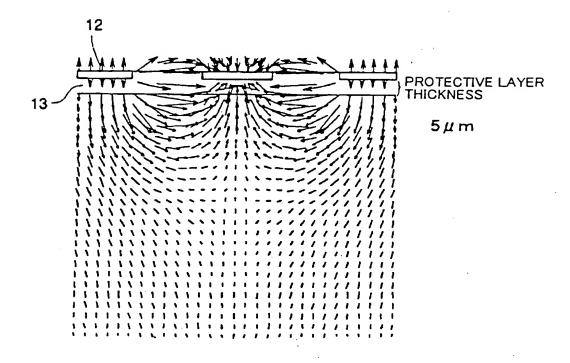
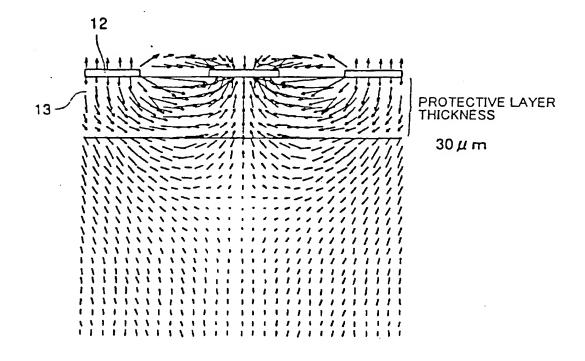


FIG.12B



OBLON, SPIVAK ET AL. DOCKET #246522US 2 CONT INV: MIYAGUCHI, ET AL. SHEET <u>8</u> OF <u>17</u>

FIG.13

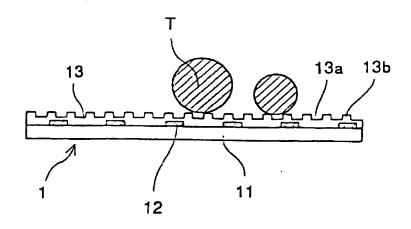
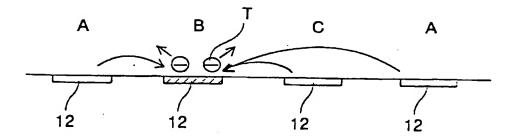


FIG.14



OBLON, SPIVAK ET AL.

DOCKET #246522US 2 CONT
INV: MIYAGUCHI, ET AL.
SHEET 9 OF 17

FIG.15

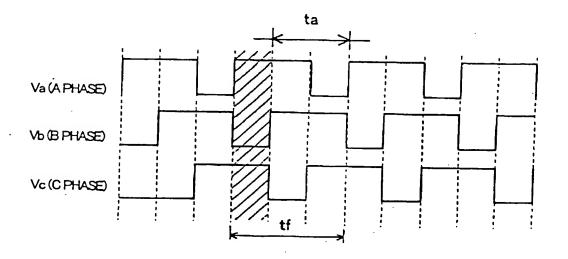
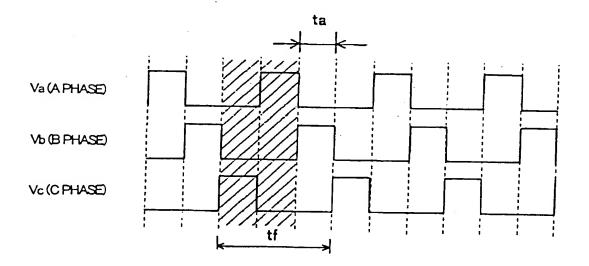


FIG.16



OBLON, SPIVAK ET AL. DOCKET #246522US 2 CONT INV: MIYAGUCHI, ET AL. SHEET <u>10</u> OF <u>17</u>

FIG.17

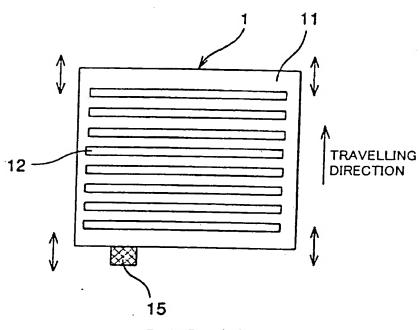
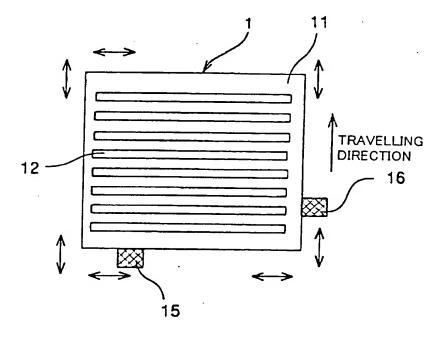
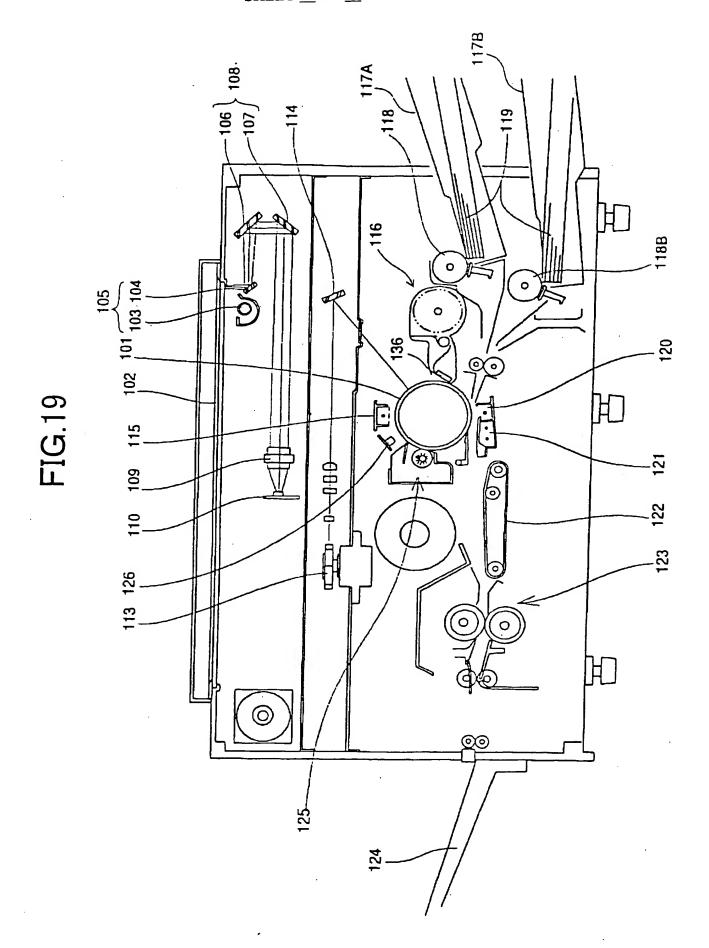


FIG.18

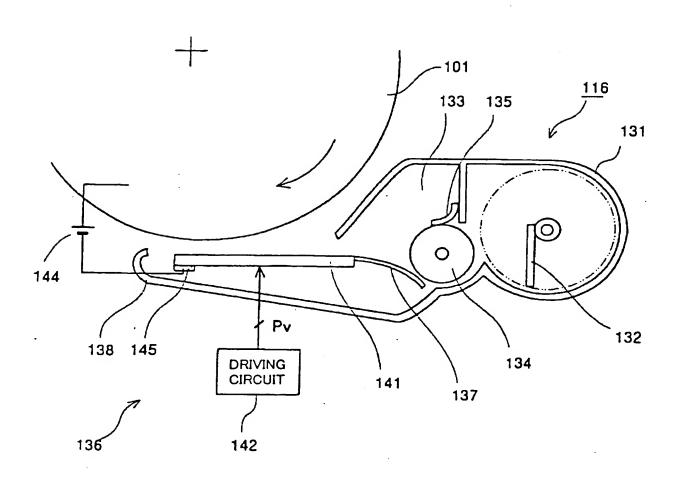


OBLON, SPIVAK ET AL. DOCKET #246522US 2 CONT INV: MIYAGUCHI, ET AL. SHEET 11 OF 17

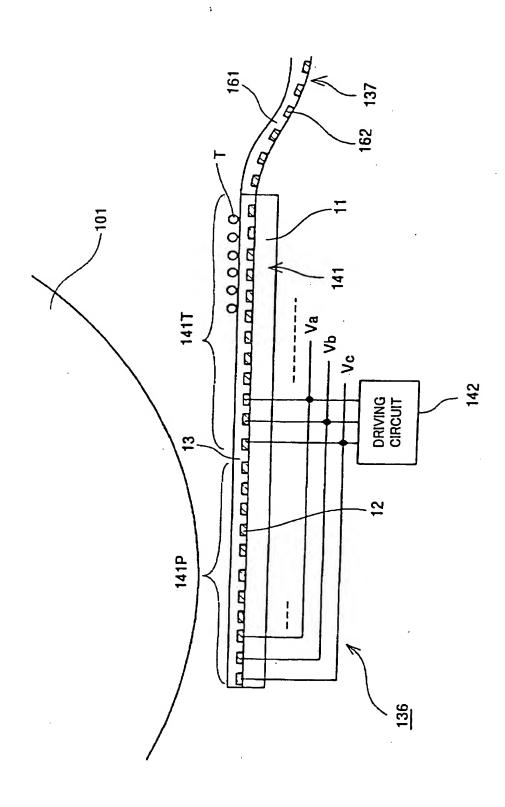


OBLON, SPIVAK ET AL. DOCKET #246522US 2 CONT INV: MIYAGUCHI, ET AL. SHEET <u>12</u> OF <u>17</u>

FIG.20

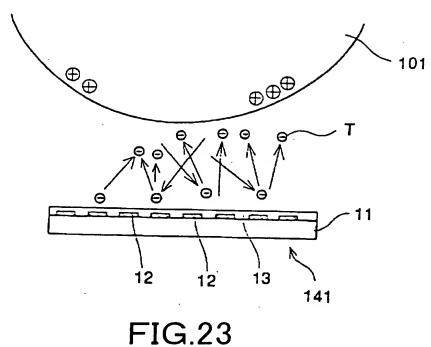




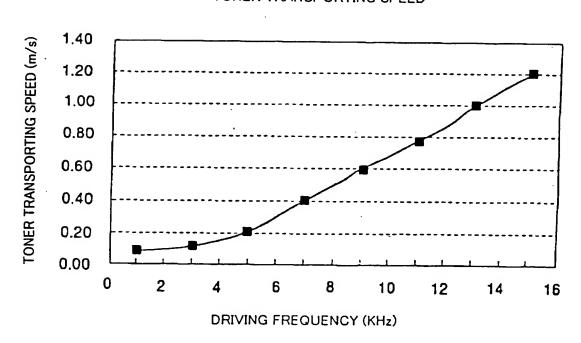


OBLON, SPIVAK ET AL. **DOCKET #246522US 2 CONT** INV: MIYAGUCHI, ET AL. SHEET <u>14</u> OF <u>17</u>

FIG.22



TONER TRANSPORTING SPEED



OBLON, SPIVAK ET AL. DOCKET #246522US 2 CONT INV: MIYAGUCHI, ET AL. SHEET <u>15</u> OF <u>17</u>

FIG.24

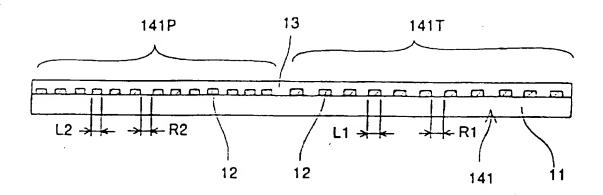
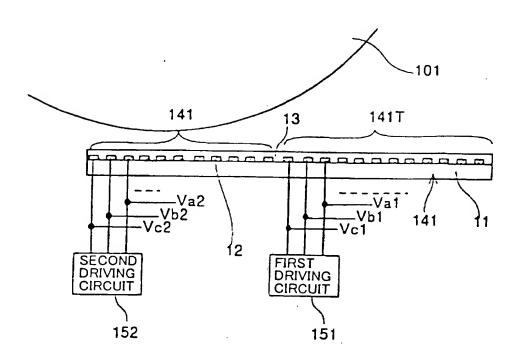


FIG.25



OBLON, SPIVAK ET AL. DOCKET #246522US 2 CONT INV: MIYAGUCHI, ET AL. SHEET 16 OF 17

J. 84 10

FIG.26

141

13

141T

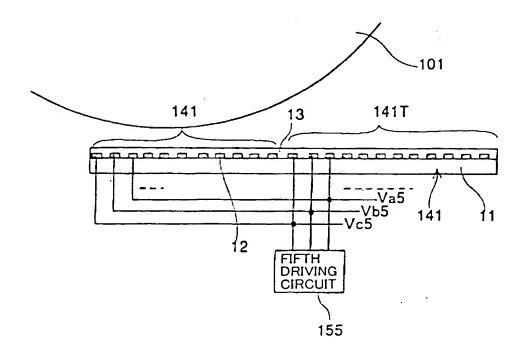
141T

141T

154

153

FIG.27



OBLON, SPIVAK ET AL. DOCKET #246522US 2 CONT INV: MIYAGUCHI, ET AL. SHEET <u>17</u> OF <u>17</u>

FIG.28

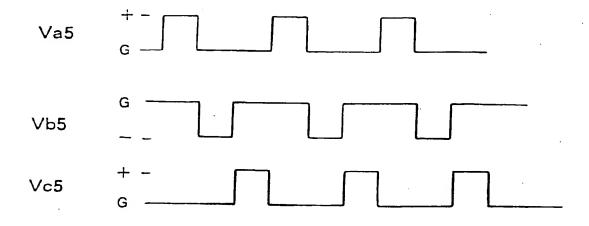


FIG.29

